

ABSTRACT OF THE DISCLOSURE

[0039] An apparatus that includes a lens having a light entrance end forming a recess, a heat sink having an end portion facing the recess, and a light source positioned to transmit light via the recess into the lens. The light source is in thermal communication with the heat sink, which conducts away heat generated by the light source. The apparatus may be used to provide optical radiation at various wavelengths, activating tooth whitening material, and curing dental composite material.